

APSE Northern Ireland one day seminar Incorporating the APSE Northern Ireland AGM

Monday 15 June 2009



Waste and recycling services; Context and practice



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Investing the Infrastructure

The new Recycling and Waste Transfer Facilities in North Down.

Operational slant on the new Waste Transfer Station and Recycling Centre - *a personal view*

Format of Presentation

Questions:

Please ask as I go along – please don't wait until the end before asking any questions.



We moved from our old site in Rathgael which was opened in 1985

New
Site



location



We moved from our old site in Rathgael which was opened in 1985



Reasons for moving from Rathgael

- Plant was old
- Neighbours changed and became land locked by housing
- Freight haulage legislation and equipment changed and we were unable to take advantage of these changes

Lead up to move

Need to give design team a good, well thought-out brief.

Should have spent more time on what we want but we still all had our day-to-day tasks – we did not resource up for this period (that could have given us a good insight into new employees etc).

How to avoid the decision-making process problems

- Need commitment from officers to make it work
- Project objectives agreed and understood
- Planning of tasks and marking of milestones etc
- Need to track progress and readjust plan
- Communication between teams – client team / design team / building user team etc
- Deal with unexpected events
- Avoid too many projects and too few resources

How we moved to new depot

- Relaxed Style – can't exaggerate this point enough – Teddy, Skip Driver etc.
- Staged moves, set dates, planned move worked out and discussed practical problems
- Moved units over as complete group, i.e. office staff, sweepers, litter pickers, organic crews, grey/blue bin crews

How we moved to new depot

- Prior to move we did generic risk assessments and method statements for safe working practices
- After move we then involved staff and did more detailed risk assessments and method statements giving ownership to employees
- All employees moved to site get new written procedures and they sign for them as read and understood etc.
- During move get to know all equipment/plant in the areas, set up check lists etc – you can easily see what items of equipment are looked after

Technology and Equipment used in Waste Transfer Station and Recycling Centre

Due to increasing legislation, equipment and plant has more and more safety devices fitted for protection of both users of equipment and the environment

The following pages list some items of equipment used at the Waste Transfer Station and Recycling Centre

Technology and Equipment used in Waste Transfer Station and Recycling Centre



- Boiler heating system

Technology and Equipment used in Waste Transfer Station and Recycling Centre



Technology and Equipment used in Waste Transfer Station and Recycling Centre



Technology and Equipment used in Waste Transfer Station and Recycling Centre



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Not technology – **Biggest Issues** all easily sorted and we have had a few; boiler replacements, chemical spills, trailer weights, car parking, etc.

Biggest problems in getting new plant up and running is probably – PEOPLE (Some of us don't like change)

To resolve the people problem, we used simple techniques of spending time talking to people, reasoning etc, and we provided free tea, coffee and milk at new depots to entice people to move

- ## To sum up
- Get involved early at design stage
 - Read all manuals, maintenance schedules early, again and again
 - Get maintenance programmes up and running for equipment
 - Build team “people change or change the people”
 - Be clear in what’s important – don’t get sidetracked

To sum up

- Sort systems so they can be easily followed, write it down
- Have a single point of contact
- We need more motivated, well educated people to come into our industry, and investing in the building's fabric will, and has, attracted these people and enabled us to rise to the challenges ahead

Acknowledgement and thanks to:

- Trevor Polley, Town Clerk & Chief Executive NDBC and his team for facilitating the project
- Michael Whitley and his staff at Whitley Architects
- Albert Fry Associates for Structural and Civil Engineering
- AH Design for Mechanicals and Electrical Engineering

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- Herron Brothers
- NDBC Supervisors
- Union Officials
- Support departments from NDBC (HR, PR etc)

**Thanks to all involved – it is much appreciated.
We hope to repay you by providing a quality service,
on time and within cost**

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